



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q86579

Takanori MIYASAKA, et al.

Appln. No.: 10/526,031

Group Art Unit: 2856

Confirmation No.: 4777

Examiner: Unknown

Filed: February 28, 2005

For: MACHINERY FACILITY CONDITION MONITORING METHOD AND SYSTEM  
AND ABNORMALITY DIAGNOSIS SYSTEM

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/526,031

Attorney Docket No.: Q86579

filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report dated December 24, 2003), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office. Also, Applicant notes that JP-T-2001-500597, JP-A-2002-295464, JP-A-2002-292928, JP-A-2-205727, JP-A-2000-146762 and "Rolling Bearing" are discussed in the specification (see pages 2,4,5 and 6).

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

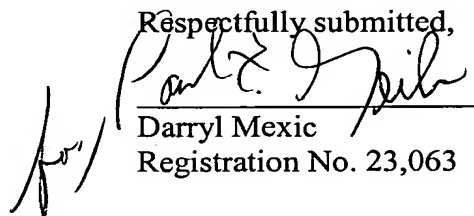
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**23373**

CUSTOMER NUMBER

Respectfully submitted,

  
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September 27, 2005

Substitute for Form 1449 A & B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	Unknown
		Confirmation Number	Unknown
		Filing Date	February 28, 2005
		First Named Inventor	Takanori MIYASAKA
		Art Unit	Unknown
		Examiner Name	
		Attorney Docket Number	Q86579
Sheet	1	of	1

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	2002-71519	A	03-08-2002	NTN Corp.	
		JP	2001-21453	A	01-26-2001	NSK Ltd.	
		JP	7-209143	A	08-11-1995	Caterpillar Inc.	
		JP	6-200929	A	07-19-1994	AB SKF	
		WO	98/11356	A1	03-19-1998	The Timken Co.	
		JP	47-9446	A	05-15-1972	General Electric Co.	
		JP	3-152436	A	06-28-1991	Koyo Seiko Co., Ltd.	
		JP	2-240536	A	09-25-1990	Fuji Electric Co., Ltd.	
		JP	6-42983	A	02-18-1994	Omron Corp.	
		JP	2000-133474	A	05-12-2000	Asahi National Shomei Kabushiki Kaisha	
		JP	2001-500597	A	01-16-2001		
		JP	2002-295464	A	10-09-2002		
		JP	2002-292928	A	10-09-2002		
		JP	2-205727	A	08-15-1990		
		JP	2000-146762	A	05-26-2000		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		"Rolling Bearing", (Cat. No. 1101e, pages B340-B351), issued by Nipon Seiko K.K.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.